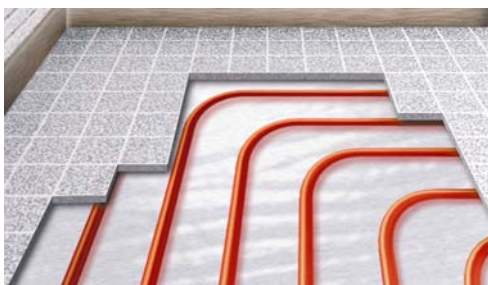


Multilayer Plastic Metal Tubes
- Applications -

House Installations

Used in all common hot and cold drinking water and heating installations, hygienically safe tasteless.

- Drinking water pipes
- Wall heating
- Floor heating
- Gas



Contact:

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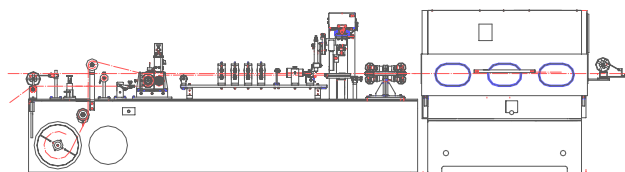
UNIWEMA®
Multilayer Plastic-Metal Tubes



Industrial Installations

- Chemical plants
- Petrochemical plants

April 2006



UNIWEMA® for Multilayer Plastic Metal Tubes

Production line for continuous forming and TIG welding of aluminium pipes for Multilayer Plastic Metal Tubes.

In this process an inner plastic tube is extruded; an adhesive is applied on the surface of the inner tube. By means of a caterpillar the tube runs into the UNIWEMA®. The aluminium pipe is formed around the inner plastic tube, longitudinally butt welded and moved through the UNIWEMA®. Finally a layer of adhesive is extruded prior to extruding the outer sheathing tube.



Multilayer Plastic Metal Tubes - Characteristics -



- Easy, safe and fast pipe installation
- Wide range of sizes
- Low weight, very robust, non aging
- Remains in position after bending
- Reduced heat expansion, high operation temperature range

Multilayer Plastic Metal Tubes - Production Process -

1. Production of the inner plastic pipe (inliner) and the adhesive layer
2. Forming and welding of the aluminum pipe
3. Applying a plastic outer layer to the aluminum pipe (jacket)

